

*Descriptions of New Genera and Species of Lepidoptera from
Costa Rica: by ARTHUR G. BUTLER, F.L.S., F.Z.S.,
and HERBERT DRUCE, F.L.S., F.Z.S.*

The following are the remaining undescribed species brought from Cartago, by Dr. Van Patten.

RHOPALOCERA.

FAMILY NYMPHALIDÆ.

SUB-FAMILY DANAINÆ. *Bates.*

GENUS DIRCENNA. *Bates.*

D. Lonera, sp. nov.

♀. Persimilis *D. Olyrati* alis latioribus; antice dimidio basali oblique nigrescente; venis nigris; maculis flavis minus conspicuis; postice area mediana subhyalina albida, subtus macula nulla costali alba, octo parvis marginalibus: corpus subtus abdomine nigro-fusco (haud flavo) aliter velut in *D. Olyrate*: exp. alar. unc. 3.

Has the upper disco-cellulars of all the wings much less projecting than in *D. Olyras*. Coll. Druce.

D. Relata, sp. nov.

♂. Affinis *D. Olyrati*, minor; antice persimiles; postice fulvae subhyalinæ, area anali opaca, margine externo et apice nigrescentibus; alæ subtus fere velut in *D. Olyrate*: exp. alar. unc. 2, lin. 6. Coll. Druce.

Allied to *D. Olyras*.

ITHOMIA.* *Hübner.*

I. Plaginota, sp. nov.

Affinis *I. Iphianassæ*, major: alæ supra fulvae, antice dimidio apicali nigro; fascia pone cellam quadrifida,

* Type *I. Drymo*.

maculaque in serie eadem obliqua, subapicalibus; maculis septem decrescentibus submarginalibus et fasciola apud cellæ finem, flavis; macula magna discoidali et altera bifida (in rannum secundum medianum cum area apicali confluente) nigris; posticæ margine externo decrescente nigro flavido maculato; corpus fuscum flavo maculatum et fasciatum, antennis ochreis ad basin fuscescentibus: alæ subtus fere velut supra: corpus flavescens: exp. alar. unc. 2, lin. 8. Coll. Druce.

GENUS PTERONYMIA, *gen. nov.*

Ithomia, (*part*) *auct.*

♂. Hindwings with the subcostal and costal nervures running parallel to $\frac{1}{4}$ the length of cell, and then keeping separate to margin of wing; the intermediate area thickened and bearing a pencil of long hairs; upper disco-cellular slanting obliquely inwards; lower disco-cellular slightly longer, sharply angulated at its upper extremity emitting a recurrent nervure, and then slanting obliquely outwards.

♀. Area between costal and subcostal nervures not thickened and without pencil; subcostal emitting two branches; otherwise as in male: type *P. Aletta* (*Ith. Aletta*, Hew.)

Comes near to *Dircenna*.

P. Olyrilla, *sp. nov.*

Affinis *P. Donilla*, coloribus maculisque *Dircenna* et *Olyratis*, alæ posticæ autem haud hyalino fasciatae; alæ subtus maculis marginalibus albis, aliter velut supra: exp. alar. unc. 2, lin. 2. Coll. Druce.

Allied to *P. Donilla* and *P. Latilla*.

P. Notilla, *sp. nov.*

♂, ♀. Persimilis *P. Latilla*, pallidiores; anticæ autem area tota submedia nigra; cella discoidali immaculata, nigro terminata; posticæ area externa distinete fulva margine nigro: corpus viridi-nigrum, thorace albo-punctato, antennis nigris: alæ subtus fere velut in

P. Latilla costa autem posticarum latius fulva : exp. alar.
 ♂, unc. 2, lin. 4; ♀, unc. 2, lin. 7. Coll. Druce.

Nearly allied to *P. Latilla*.

P. Fulvimargo, sp. nov.

Affinis *P. Obscurator*, antice supra fasciola disco-cellulari nigra; cella discoidalis immaculata; aliter velut in *Direenna Marica coloratae*; postice marginibus costali et externo nigris; venis et fascia submarginali externa fulvis: corpus griseum, capite albo punctato: alae subtus marginibus fulvis: antice macula postmedia et duabus apicalibus hyalinis flavis; postice fascia subcostali nigra; maculis quinque externis submarginalibus albis nigro-cinetis: corpus subtus sordide albicans: exp. alar. unc. 2, lin. 6. Coll. Druce.

The sexes of this species are alike; the hindwings above are like those of the male of *Direenna Olyras* in colouring.

LEUCOTHYRIS. Boisd.*

♂. Subcostal of hindwings emitting two branches well separated at their origin; upper disco-cellular oblique; lower at least twice as long as upper, nearly perpendicular and strongly angulated at its upper extremity, which forms almost a continuous line with upper.

♀. Upper disco-cellular considerably shorter and less oblique than in male: lower somewhat waved.

A well-marked genus, including *I. Zelica*, *Ilerdina*, *Ilerda*, *Synnera*, *Ælia*, *Gunilla*, *Priscilla*, *Janarilla*, *Epicharme*, *Onega*, *Flora*, *Phenomoë*, *Makrena*, *Egra*, *Astrea*, *Peninna*, *Attalia*, *Direenna*, *Padilla*, *Cassotis*, *Victorina*, *Alexina*, *Tabera*, and a few other species.

L. Rubescens, sp. nov.

Persimilis *L. Phenomoi* major, antice margine externo latius nigro, ferrugineo squamoso, inter ramos secundum et tertium medianos sinuato: postice area externa ferruginosa,

* Not structurally characterized by Dr. Boisduval; this is the only genus of *Ithomiæ*, amongst those proposed in the Guatemala paper, which does not sink into a synonym of some previously characterized genus.

margine nigro; alae subtus fere velut in *L. Phenomoe* sed marginibus latius et pallidius ferruginosis: exp. alar. unc. 2. Coll. Druce.

Nearly allied to *L. Phenomoe* and *L. Flora*.

SUB-FAMILY SATYRINÆ. *Bates.*

GENUS TAYGETIS *Hübner.*

T. Umbracea, sp. nov.

Alae supra olivaceo-fuscae ciliis cinereis: corpus cinereo-fuscum: alae subtus pallidiores; lineis duabus angulatis mediis, tertia undata submarginali, quarta antemarginali et margine ipso nigro-fuscis; antice punctis tribus minutissimis subapicalibus albis; postice ocellis sex, quinque velut in anticis punctiformibus, albis, quinto permagno nigro, albo-pupillato: corpus fuscum: exp. alar. unc. 2, lin. 5. Coll. Druce.

*T. Incerta, sp. nov. (? = *T. Cecilia*, var. *Boisd.*)*

Alae supra fuscae, ciliis cinereis; postice ocello medioeri subanali nigro, albo pupillato, ferrugineo cineto: corpus fuscum: alae subtus pallidiores, roseo-tinctæ; lineis duabus mediis bicoloratis, ferrugineis intus ochreo marginatis, subparallelibus, tertia dentato-sinuata indistincta submarginali et quarta marginali; antice area externa multo dilutiore; ocello subapicali minutissimo; postice ocellis sex, quinto medioeri superno; aliis punctiformibus albis: corpus ochraceo-fuscum: exp. alar. unc. 2, lin. 3. Coll. Druce.

Seems to belong to the *Inornata* group.

GENUS EUPTYCHIA. *Hübner.*

D. Argentella, sp. nov.

Affinis *E. Pyraemoni*, minor autem et maculis submarginalibus alarum posticarum nigris, obsoletis; subtus magis rufescentes; fasciis mediis anticarum rectissimis,

posticarum magis irregularibus, externa pone cellam profunde sinuata, extrorsum ochreo limbata; ocellis marginalibus majoribus; lunulisque insuper introrsum rufescentibus: corpus cinerescens: exp. alar. unc. 1, lin. 8. Coll. Druce.

Allied to *E. Pyracmon* and *Cornelius*, but with the central lines below of a totally different shape.

E. Insolata, sp. nov.

♂, ♀. Alae supra fumato-fuscae, subhyalinae; area centrali aliquando albida; fasciis duabus subparallelibus continuis mediis et lineis duabus submarginalibus, undatis, indistinctis, cinereo-fuscis; antice ocello subapicali indistincto; postice uno apicali et altero subanali nigris albo-pupillatis: alae subtus albae, fasciis supernis et tertia basali rufo-fuscis: linea submarginali nigra; fascia submarginali fusca in anticis rufescente; antice ocello subapicali distincto nigro albo-pupillato, luteo-cineto; secundo inter ramos medianos indistincto; postice ocellis tribus distinctis, duobus apicalibus rufo circumcinetis, tertio subanali permagno fusco circumcineto; angulo anali rufescente: corpus cinerescens; exp. alar. ♂, unc. 1, lin. 5; ♀, unc. 1, lin. 8. Coll. Druce.

Belongs to the *Mollina* group; the markings of the female are better defined than those of the male.

GENUS PEDALIODES. *Butler.*

P. Hulda, sp. nov.

Affinis *P. Cocytiae*, *Porphyriae*, &c.: alae supra fuscae; postice lineis duabus valde irregularibus discalibus ferrugineis indistinctis; ocello subanali nigro albo pupillato, ferrugineo, cineto: alae subtus pallidiores; fascia discali irregulari, pone ramum tertium medianum posticarum continua, dilutius fusca nigro marginata (in posticis ocellos quatuor superiores ferente); fasciis duabus mediis subangulatis ferrugineis, late separatis; postice linea undulata pone cellam subanali ochracea; ocellis sex nigris albo-pupillatis, fulvo-cinetis: corpus fuscum: exp. alar. unc. 2. Coll. Druce.

P. Lithochaleis, sp. nov.

Alæ supra nigro-fuscae; area externa dilutiore; ciliis albido variis; corpus nigro-fuscum: alæ subtus pallidiores rufescentes; ferrugineo-fuseo reticulatae; anticeæ linea subangulata discali aream basalem limitante, apud costam squamis ochraceis extrorsum limbata; area medio-discalis ferruginosa; puncto minuto apud apicem albo, et linea submarginali angulata nigra; posticeæ linea sesquialtera media; squamis costalibus ochraceis; puncto subanali albo, nigro circumdato: corpus cinereo-fuscum pedibus ochraceis: exp. alar. unc. 2, lin. 1. Coll. Druce.

Nearly allied to *P. Pisonia*.

SUB-FAMILY NYMPHALINÆ. *Bates.*GENUS PAPHIA. *Fabricius.**P. Herbacea, sp. nov.*

♂. Alæ supra cyaneo-nigræ, area basali late viridi; anticeæ macula sesquialtera ejusdem coloris subapicali; posticeæ areis costali et abdominali fuscis, macula ovali subcostali aurantiaca; punctis tribus, quorum medio majore, submarginalibus albis: corpus cinereo fuscum: alæ subtus griseæ, fusco reticulatae; fascia lata inæquali, in posticeis angulata, abbreviata, castanea; anticeæ costa pone fasciam albo-punctata, lineolis duabus fuscescentibus, area externa diffuse ferruginosa: area anali albida; posticeæ punctis duobus subcostalibus argenteis; fasciola submarginali, ad angulum ani oblique currente, diffuse ferruginosa; punctis quinque submarginalibus, secundo maximo, hoc et tertio nigro-notatis, albis: corpus cinereo-fuscum: exp. alar. unc. 2, lin. 8. Coll. Druce.

Belongs to the *Arginussa* group, but seems not to have come before, for we can find no description of it.

GENUS PHYCIODES. *Hübner.**P. Niveonotis, sp. nov.*

♀. Alæ supra nigrae, anticeæ macula obliqua pone cellam, puncto inter venas discoidales submarginali et plaga rotundata in ramos medianos, niveis; posticeæ fascia media

punctoque extrosum adjecto niveis; corpus nigrum: alæ subtus cinereo fuscae, nigro striatae; maculis supernis niveis; anticeæ fascia obliqua postmedia nigra; posticæ area media discali fuscescente; punctis discalibus nigris; lunulis submarginalibus albidis: corpus cinereum: exp. alar. unc. 1, lin. 3. Coll. Druce.

Belongs to the *Ianthe* group, one specimen, rather rubbed.

GENUS MYSCELIA. *Doubleday.*

M. Pattenia, sp. nov.

Affinis *M. Ethusa*, differt supra fasciis omnibus cyaneis quarum duabus in cella anticarum, angustioribus, secunda et tertia posticarum confluentibus; alæ subtus fuscae, striis duabus discoideis griseis, macula apud cellulæ finem nebulaque adjuncta cyaneis, macula inter ramos primum et secundum medianos et seriebus duabus postmediis obliquis, albis, striola irregulari submarginali ciliisque albis, apice cano-fusco obscurius reticulato; posticeæ cinereo et castaneo nebulosæ, nigro reticulatae: macula costali cuneiformi et area apicali albido squamosis; striis duabus valde irregularibus, æquidistantibus, ante medium, fuscis; maculis subquinque pone medium in serie obliqua, piceis; corpus cinereo-fuscum: exp. alar. unc. 2, lin. 8. Coll. Druce.

Allied to *M. Ethusa*, of Boisduval, but very distinct; it may be the female of *M. Cyanathe*, Felder, which the under surface nearly resembles.

GENUS MEGALURA. *Blanchard.*

Megalura Valetta, sp. nov.

♀. Alæ supra fuscae, striis duabus mediis æquidistantibus nigro-fuscis; anticeæ lineis discoideis apud basin et area apicali, a fascia transversa decrescente alba introrsum limitata, nigro-fuscis; fascia alba extrosum crenata maculis subtribus submarginali-analibus punctisque duobus sub-apicalibus albidis; posticæ apice diffuse ochreo; fascia submarginali, apud aream analem maculari et nigrescente, albido maculata; apud apicem nigro fusca ochraceo trimaculata; stria antemarginali nigra, ciliis albis; cauda interiore fulvo-rorata: corpus fuscum palpis fulvo squamatis: alæ subtus pallide ochraceo-albidæ; striis duabus

basalibus ochreis, fascia ejusdem coloris in medio pallescente, introrsum in posticis diffusa, fascia media brunnea extrorsum lilacino limitata apud angulum analem recurvata et ad angulum abdominalem currente; fascia pone eam fusca, in posticis duplo latiore, lilacino persecta; area externa fusecente, maculis submarginalibus albis, subtriangularibus; apud marginem posticarum posteriorem intus nigro lunatis; margine late brunneo extrorsum ochreo, in regione anali posticarum nigro, squamato; puncto subanalni nigro: corpus albidum: exp. alar. unc. 2, lin. 9. Coll. Druce.

M. Valetta is very nearly allied to *M. Marcella* ♀, but differs from the white-banded form of the female of that species in having the spots near anal angle of frontwings more distinctly separated; the apex of hindwings ochreous and the white spots more distinct, below it differs in the arrangement of the bands, which, however, in their general aspect, are very similar to those of *M. Marcella*.

GENUS APATURA.

A. Plesaurina, sp. nov.

♂. Alæ supra fuscae, characteribus cellularibus nigris, fasciis duabus submarginalibus nigris; fascia lata regulari media, in anticis ochreo-albida, plaga aurantiaca subpyriformi maculaque costali cum ea nexit, a venis persecta et venam superiorem discoidalem non excedente, in posticis alba in vena minternum abrupte terminata; fasciola anali ferruginea, lunulisque duabus analibus cinereis: corpus piceum: alæ subtus velut in *A. Laura* et affinis: exp. alar. unc. 2, lin. 6. Coll. Druce.

Not unlike *Heterochroa Plesaure* on upper surface.

SUB-FAMILY HELICONINÆ. *Bates.*

GENUS EUIDES. *Hübner.*

E. Vulgiformis, sp. nov.

Affinis *E. Ediati*, antice autem fascia nulla mediana et maculis aliis minoribus; postice ferruginea margine late nigro ad apicem albo maculato: antice subtus ad basin

ferruginosæ ; maculis quatuor apicalibus et quatuor externis submarginalibus albis ; posticæ stria subcostali nigra ; maculis submarginalibus albis : aliter velut supra : exp. alar. unc. 3. Coll. Druce.

FAMILY ERYCINIDÆ.

SUB-FAMILY EURYGONINÆ. *Bates.*

GENUS EURYGONA. *Boisduval.*

Eurygona Regipennis, sp. nov.

Alæ supra nigræ purpureo nitentes ; posticæ macula subanali fusca : alæ subtus pallide fuscæ ; fascia media alba, introrsum aurantiaco distincte limitata ; extrorsum in anticis castaneo albidoque diffuse limitata ; posticæ maculis septem nigris, quarta permagna ovali, aliis hastatis, submarginalibus, extrorsum albo introrsum fulvo-cinctis ; linea marginali fulva : corpus cimereo-albidum, palpis albis, pedibus fulvis : exp. alar. unc. 1, lin. 7. Coll. Druce.

Eurygona Aurantia, sp. nov.

Alæ supra nigro-fuscæ, anticæ plaga interno-mediana basali aurantiaca ; posticæ plaga permagna ejusdem coloris subtriangulari media : corpus fuscum : alæ subtus sericeo-albæ ; anticæ apice fusco tineto : corpus album, pedibus ochraceis : exp. alar. unc. 1, lin. 4. Coll. Druce.

Nearly resembles a small moth in the same collection, and seems allied to *E. Pusilla* of Felder from Mexico.

SUB-FAMILY ERYCININÆ. *Bates.*

GENUS EMESIS. *Fabricius.*

Emesis Olivæ, sp. nov.

♂, ♀. Alæ supra olivaceo-fuscae ; area basali lineis quinque interruptis, transversis, nigris ; serie submarginali

macularum nigrarum, introrsum lunulis diffusis nigris partim cinctarum; anticae linea interrupta pone cellam nigra: corpus fuscum: alae subtus paululum pallidiores maculis lineisque tenuioribus nigris: corpus fuscum: exp. alar. unc. 1, lin. 6-7. Coll. Druce,

Specimens in the British Museum are labelled "S. America."

Emesis Furor, sp. nov.

Affinis *E. Opi*; alae supra ferrugineæ lineolis basalibus nigro-cinereis; seriebus duabus angulatis communibus subparallelibus postmediis, et tertia submarginali punctorum nigrorum: corpus ferrugineum: alae subtus fulvæ maculis lineolisque distinctis, ferrugineo-fuscis: corpus lœte fulvum; aliter velut supra: exp. alar. unc. 2, lin. 1. Coll. Druce.

In the British Museum from Honduras.

GENUS MESOSEMIA. *Hübner.*

M. Frequens, sp. nov.

Alæ supra fuscae; striola cellas transerrante, stria angulata media, fascia discali; area apicalis in anticis, striga submarginali et margine in posticis, nigro-fuscis; anticae ocello magno discoideo nigro bipupillato, fulvo bicineto; fascia obliqua lata postmedia alba: corpus fuscum: alae subtus pallidiores lineis et fundo toto posticarum albido squamosis; anticae ocello imperfecto submediano ochreo-albido; posticæ ocello unipupillato subbasali nigro, fulvo cincto; punctis discalibus albis: corpus fuscum: exp. alar. unc. 1, lin. 6. Coll. Druce.

FAMILY LYCÆNIDÆ.

SUB-FAMILY LYCÆNINÆ. *Butler.*

GENUS LAMPIDES. *Hübner.*

L. Zachæina, sp. nov.

Affinis *L. Cerauno*, ♂ differt supra margine fusco tenuiore; maculis posticarum nigris, obsoletis; subtus obscuriores,

posticæ ocellis duobus submarginalibus mediis, magnis, nigris ochreo-albido cinctis et chalybeo roratis: exp. alar. unc. 0, lin. 9.

♀. Supra area basali coerulea latiore; posticæ ocellis subquinque anali-submarginalibus nigris albo-cinetis; subtus obscuriores, anticæ maculis sex magnis in serie undata discali, nigris (haud fuscis), albo-cinetis; posticæ ocellis marginalibus paululum minoribus: exp. alar. unc. 1. Coll. Druce.

Nearly allied to *L. Ceraunus*, but the male with two metallic ocelli below.

SUB-FAMILY THECLINÆ. *Butler.*

GENUS STRYMON. *Hübner.*

S. Pastor, sp. nov.

♀. Affinis *S. Romulo*, supra cyaneæ, costis et marginibus externis late nigris; posticæ angulo ani ferrugineo, area abdominali albicante: corpus viridi-cinereum, capite rufescente; alæ subtus virides, margine tenuissime rufescente, anticæ margine interno cinereo; posticæ lunulis marginalibus rufo-fuscis; linea media punctiformi argentea, introrsum rufo marginata; macula apud caudam longiorem submarginali rufa; angulo ani piceo: corpus subtus fuscum, abdomine ochreo: exp. alar. unc. 1, lin. 6. Coll. Druce.

Allied to *S. Romulus* and *S. Menalcas*.

S. Agricolor, sp. nov.

♂. Alæ supra lilacino-cyaneæ, nitentes; costis et marginibus externis medioriter nigris; basi virescente; posticæ area abdominali dilute fusca; angulo ani paululum rufescente: corpus cinereo-viridum, capite rufo-fusco: alæ subtus virides, cupreo nebulosæ; anticæ dimidio interno cinereo; strigula basali mediana nigrescente; lunulis quatuor pone cellam rufis; punctis submarginalibus cinereis; maculis triangularibus marginalibus brunneis; posticæ plaga quadrata basali nigra; linea indistincta media

undulata rufescente; lunulis submarginalibus et linea irregulari aream latam marginalem cupream limitante, rufescens: corpus subtus cinerescens, abdomine fulvescente: exp. alar. unc. 1, lin. 4. Coll. Druce.

S. Cælicolor, sp. nov.

Affinis *S. Aphaca*, supra cyaneæ costis et marginibus externis late nigrescentibus; posticæ maculis tribus anali submarginalibus nigris, extrorsum albido-cinetis, et macula anali aurantiaca; corpus fuscum: alæ subtus dilute fuscae: anticeæ lineis tribus albis, prima cellam transerrante abbreviata, secunda discali infra ramum primum medianum angulariter interrupta; tertia submarginali lunulari diffusa, maculis griseis extrorsum limbata; posticæ lineis tribus albis, prima media, apud marginem internum litteram W., nigro et rufo indistincte marginatum formante; secunda discali, aream externam limitante, interrupta, nigro extrorsum marginata, tertia marginali; ciliis fuscis; areola submarginali diffuse albida; macula magna inter caudas coccinea, nigro punctata; secunda subanali cinerea, tertia anali nigra, introrsum albo et fulvo cinetis: corpus cinereum: exp. alar. unc. 1, lin. 4. Coll. Druce.

GENUS MITHRAS. *Hübner.*

M. Augustinus, sp. nov.

Affinis *M. Monica*, major; alæ supra cyaneo-virides: anticeæ dimidio apicali nigro; posticæ apice et margine externo nigris, striolis tribus anali-submarginalibus cœruleo-albidis; caudis, (interiore longissima) albo acuminatis, nigris; corpus viridum, capite fusco: alæ subtus fusæ, area basali obscureiore; margine externo obscure fusco introrsum dilutius limbato; anticeæ punctis septem albis, in serie obliqua aream basalem pone cellam limitante; posticæ punctis sex in serie sigmoidea, mediis; serie altera subangulata crescente discali; maculis duabus subanalis lineolisque duabus anali-submarginalibus, omnibus viridibus; ciliis analibus albo-variis: corpus subtus fuscum: exp. alar. unc. 2. Coll. Druce.

Nearly allied to *M. Monica* of Hewitson.

GENUS BITHYS. Hübner.

B. Azurinus, sp. nov.

Affinis *B. Faventiae*, major; alae supra cyaneae, costis, apicibus et marginibus externis late nigris; anticeae macula magna subpyriformi disco-cellulari fulva; posticeae area abdominali albida: corpus fuscum, thorace et abdomine ceruleo-fulvo; oculis albo-cinctis; palpis albo-lineatis; alae subtus virescenti-cinereae, linea undulata discali alba, posticarum interrupta; maculis submarginalibus cinereis albo-cinctis; margine externo tenuissime dilutiore, posticarum albo; ciliis caudisque nigrescentibus; posticeae macula, inter caudas, submarginali nigra, introrsum aurantiaco et ochreo-albido cincta; altera anali nigra, squamis albis late cincta: corpus subtus cinereo-fuscum abdomine albicans; pedibus albo fasciolatis: exp. alar. unc. 1, lin. 8. Coll. Druce.

Near *B. Faventia* of Hewitson.

B. Hesperitis, sp. nov.

Affinis *B. Stagirae*, supra nigro-fuscae; posticeae plaga subpyriformi dimidii interni subanali; area abdominali pallide fusca; macula anali rufa: corpus fuscum: alae subtus velut in *B. Stagira*: exp. alar. unc. 1, lin. 6. Coll. Druce.

GENUS TMOLUS. Hübner.

T. Crolinus, sp. nov.

T. Crolo affinis, supra cyaneae, anticeae dimidio apicali nigro; posticeae costa et linea marginali nigris; area abdominali fusco: corpus virescens: alae subtus albide; anticeae striga postmedia rufo-fusca, altera discali cinereo-fusca, ciliis griseis; posticeae seriebus duabus macularum rufescientium valde irregularibus mediis; linea discali nigrescente et altera marginali nigra; macula inter caudas coccinea nigro-notata; aliis submarginalibus griseis; puncto anali diffuso ochreo: corpus album, abdomine ochraceo: exp. alar. unc. 1, lin. 4. Coll. Druce.

T. Invisus, sp. nov.

Alæ supra cinereo-fuscae; posticæ ocellis marginalibus nigrescentibus albido cinctis; ciliis longissimis albis: corpus fuscum: alæ subtus pallidiores; area externa albicante; litura disco-cellulari alba; linea discali angulata fusca aream externam limitante; fascia submarginali lunulata decrescente fusca; posticæ dimidio basali fuso alboque maculato a linea media irregulari maculari nigra limitata; area apicali albicante; fascia submarginali lunulata decrescente fusca; lunulis antemarginalibus pallide fuscis, macula inter ramos primum et secundum medianos ochracea nigro notata, et strigula aurantiaca anali nigro alboque notata: corpus cinereo albidum: exp. alar. unc. 1, lin. 3. Coll. Druce.

T. Halciones, sp. nov.

♂. Alæ supra cœruleæ, anticeæ dimidio apicali nigro; posticæ costa nigra, linea tenuissima marginali nigra; area abdominali ochracea: corpus fuscum, virescens: alæ subtus cinereo albidae; anticeæ stria discali, a costa currente, fusca, extrorsum albo marginata: posticæ stria obscuriore discali ad marginem internum biangulata; stria maculari, margini externo propiore, albida; maculis duabus subanalibus aurantiacis nigro notatis, macula grisea interjecta; corpus griseo-albidum; exp. alar. unc. 1, lin. 2. Coll. Druce.

T. Isobeon, sp. nov.

♂, ♀. Alæ supra chalybeo-fuscae; posticæ maris plaga magna, feminæ dimidio interno cyaneo; area abdominali grisea; maculis duabus subanalibus nigris et tertia anali coccinea; linea antemarginali alba; corpus fuscum: alæ subtus ochraceo-fuscae; anticeæ linea discali fusca, extrorsum dilutius marginata; posticæ linea discali fusca ad marginem internum biangulata et introrsum coccineo extrorsum albo-marginata; maculis septem submarginalibus introrsum nigro-cinetis, quarto, quinto, sexto et septimo coccineo variis; quinto, sexto et septimo nigro notatis, sexto griseo irroratis, aliis fuscis; linea antemarginali alba, margine ipso nigro: corpus ochraceo-albidum: exp. alar. ♂, unc. 1, lin. 1, ♀ unc. 1, lin. 4. Coll. Druce.

T. Vespasianus, sp. nov.

♀. Alæ supra fuscae, area basali anticarum et bitriente posticarum lilacinis: posticæ puncto anali coccineo; linea antemarginali albida: corpus griseum: alæ subtus fusco-albidae, anticæ linea discali fusca extrorsum albo marginata; posticæ linea discali tenuissima fusca introrsum aurantiaco extrorsum albo marginata; linea margini propiore alba lunulata extrorsum partim nigro limitata; maculis sex marginalibus ocellaribus, tribus superioribus et quinto fuseis albo-cinetis, aliis aurantiacis nigro notatis infima cum stria interno-anali aurantiaca confluente: corpus fusco-albidum: exp. alar. unc. 1, lin. 3. Coll. Druce.

T. Charichlorus, sp. nov.

Alæ supra purpureæ, anticæ costa et plaga quadrata apicale nigris; posticæ area costali et linea marginali nigris; area abdominali cinerea: corpus viridi-nigrum: alæ subtus olivaceo-fuscae; anticæ linea discali nigra albo marginata; posticæ linea discali nigra, extrorsum albo marginata, ad marginem internum biangulata; maculis marginalibus velut in *T. Isobeone*: exp. alar. unc. 1, lin. 2. Coll. Druce.

T. Denarius, sp. nov.

Alæ supra cupreo-fuscae; posticæ macula anali sordide rufa, albido cineta, corpus fuscum: alæ subtus fuscae; anticæ litura disco-cellulari, linea discali et altera submarginali nigro-fuseis albido plus minus marginatis; posticæ litura disco-cellulari velut in anticis; linea discali ad marginem internum biangulata, nigra, introrsum brunneo, extrorsum albo marginata; linea margini externo propiore nigra; ocellis septem plus minus brunneis, quinto et septimo nigro-notatis, sexto griseo; linea antemarginali albida: corpus cinereo-fuscum: exp. alar. unc. 1. Coll. Druce.

FAMILY PAPILIONIDÆ.

SUB-FAMILY PIERINÆ. *Bates.*GENUS TERIAS. *Swainson.**T. Persistens, sp. nov.*

Affinis *T. Delia* et *Eugeniae*, alæ anticae supra flavae, costa basali late cinereo rorata; apicali et margine externo intus bisinuato (angulo posteriore excepto), late nigro fuscis; fascia in mare lata interna, extrorsum aurantiaco limitata, nigro fusca; posticae plaga apicali intus sinuata et venarum apicibus (anguli ani exceptis) nigro-fuscis; basi cinerescente: corpus cinereo-albidum, capite rufescente: alæ subtus fere velut in *T. Delia*: exp. alar. unc. 1, lin. 7. Coll. Druce.

T. Calceolaria, sp. nov.

♂. Affinis *T. Dinae* differt supra, alis saturationibus; margine externo fere nullo; characteribus subtus velut in femina multo distinctioribus.

♀. Differt supra, plaga apicali fere velut in *T. Dera* triangulari; posticae macula distincta apicali aurantiaca: alæ subtus illis *T. Memuli* simillimae: exp. alar. unc. 1, lin. 11. Coll. Druce.

The male and a female are in the collection of the British Museum from Honduras.

GENUS LEPTOPHOBIA. *Butler.**L. Tenuicornis, sp. nov.*

Affinis *L. Casia*; ♂ differt supra cella discoidali anticarum nigra; margine externo duplo latiore, nigro; anticae subtus maculis subquatuor apicalibus sulphureo-flavis; posticae dimidio interno aureo-flavo: ♀ supra macula postmedia anticarum majore; margine externo posticarum latiore, nigro; anticae subtus velut in mare; posticae magis flavescentes quam in *L. Casia*; area externa late fusca in marginem flavo-maculata: exp. alar. unc. 2, lin. 4. Coll. Druce.

GENUS PIERIS. *Boisduval.**P. Notistriga, sp. nov.*

Persimilis *P. Pandosiae* differt subtus fascia subcostali in posticis fusca; exp. alar. unc. 1, lin. 8. Coll. Druce.

Scarcely differs from *P. Pandosiae* excepting in the well defined black-brown subcostal band on under-surface of hindwings.

P. Noctipennis, sp. nov.

Ale supra fumato-fuscae; antice fascia lata vel plaga permagna media, extrorsum in venam subcostalem dentata, inter ramos medianos bisinuata, macula subapicali et puncto submarginali albis; postice costa dilutiore, punctis duobus inconspicuis submarginali-apicalibus albidis: corpus fuscum: ale subtus maculis submarginalibus albis; postice lobulis basalibus aurantiacis, striga interrupta subcostali flava; macula cuneiformi subapicali alba; disco venisque nigrescentibus; corpus cinereo-fuscum, palpis, collo et abdome albo squamosis: exp. alar. unc. 2, lin. 2. Coll. Druce.

Belongs to the *P. Locusta* group.

GENUS DISMORPHIA. *Hübner.**E. Lunina, sp. nov.*

D. Virginii affinis; ale supra fuscae; antice fascia obliqua postmedia venas disco-cellulares extrorsum limitante in venam autem subcostalem cum macula parva triangulari discoidali confluente et ad ramum secundum medianum continuata, alba; maculis tribus, prima bifida subapicalibus albis; postice area media costaque alba, ad basin virescente; corpus viridi-cinereum, thorace nigrescente; antice subtus area basali et margine interno albidis; margine externo et apice brunneis argenteo roratis; postice brunneae argenteo maculatae et punctatae; maculis duabus basalibus flavis; corpus subtus album: exp. alar. unc. 2, lin. 6. Coll. Druce.

FAMILY HESPERIDÆ.

GENUS ARTEUROTIÀ, *gen. nov.*

Affinis *Spathilepiæ* et *Hydranomiae*, antice marginæ interno insigniter undulato; posticæ valde productæ, plaga permagna costali, ad basin haud attingente, sericea; palpis robustis, antennis tenuibus velut in *Spathilepia*, pedibus valde elongatis tenuibus; calcaribus elongatis; pedibus anticis autem non calcaratis.

Generis typus *A. Tractipennis*.

A. Tractipennis, sp. nov.

Alæ supra fuscae cinereo irroratæ; antice macula subbasali diffusa; fasciola costali media; macula semicirculari costali apud apicem punctum hyalinum includente, nigris; punctis duabus subapicalibus extra maculam hyalinis; stria submarginali albicante; ciliis fusco-nigris; posticæ plaga permagna costali ovali sericeo-fusca; punctis duobus diffusis interno-mediis tribusque submarginalibus diffuse albidis: corpus cinereo fuscum: alæ subtus pallidiores, antice albidae, costa, vena mediana et area apicali castaneis; posticæ pallide rufo-fuscae albido irroratæ; area basali cinereo maculata; area apicali castaneo fuscescente; punctis quatuor interno-mediis, striaque marginali albidis; corpus albidum, palpis niveis: exp. alar. unc. 1, lin. 7. Coll. Druce.

A very remarkable new species.

GENUS ERYCIDES. *Hübner.**E. Socius, sp. nov.*

Alæ fere velut in *E. Palemon* sed posticæ supra strigis duabus internis diffuse cœruleis, ciliisque omnino albis: exp. alar. unc. 2, lin. 6. Coll. Druce.

There is also one example of this species in the British Museum, but without a locality.

GENUS CARYSTUS. *Hübner.**C. Deceptor, sp. nov.*

Alæ supra obscure fuscae, area basali nitente cœruleo-viridi; antice maculis tribus magnis fasciam obliquam

formantibus, prima in cella, secunda inter ramos medianos, tertia subanali et puncto inter ramos secundum et tertium medianos hyalino-albis : posticæ margine abdominali pallidiore ; ciliis marginali-analibus fulvis : corpus cinereo-fuscum, nitente cœruleo micans : anticæ subtus costa basali margaritacea ; fasciola obliqua subapicali et macula diffusa apicali roseo-albis; area interna pallida : posticæ area basali margaritaceo-albida ; macula ejusdem coloris diffusa in disco ; area abdominali-anali fulvescente ; aliter velut supra : corpus thorace viridi-cinereo, palpis albis, abdome fulvo : exp. alar. unc. 2, lin. 6. Coll. Druce.

Looks, at first sight, like a *Teleonus*, but is allied to a species in the British Museum from Venezuela, and which nearly resembles the Javanese *C. Hyela* of Hewitson.

C. Epicincea, sp. nov.

Alæ supra nigro-fuscae ; anticæ fasciola lata quadrifida obliqua media, hyalina ; basi et posticis, margine externo excepto, certo situ viridi nitide micantibus ; corpus nigro-fuscum, virescens ; alæ subtus fere velut supra ; area autem virescente multo magis distincta ; anticæ margine interno albo ; posticæ puncto subanali fusco-albido : corpus viridi nitens ; tarsis castaneo hirtis : exp. alar. unc. 2, lin. 1. Coll. Druce.

Nearly allied to *C. Cineea* of Hewitson.

GENUS PHLEBODES. *Hübner.*

P. Justinoides, sp. nov.

Alæ supra fuscae : corpus fuscum : anticæ subtus nigro-fuscae, area apicali rufescente, fasciola subapicali arcuata nebulosa cinerea et lineola apicali albida ; posticæ ad basin regulariter castaneo-fusca ; area statim pone hanc albida ; plaga dupli discali nebulosa nigra ; ciliis omnibus fuscis pallescentibus : corpus cinereo-fuscum ; palpis pedibusque albicantibus : exp. alar. unc. 1, lin. 4. Coll. Druce.

Allied to *P. Justina*.

GENUS PAMPHILA. *Fabricius.*

P. Uniformis, sp. nov.

Alæ supra et subtus fuscae : corpus fuscum : exp. alar. unc. 1. Coll. Druce.

Allied to *P. Pygmæus*, but larger, with all the wings rather more produced and the hindwings more purplish below; there are specimens in the collection of the British Museum from Rio Janeiro and Para.

Pamphila Inimica, sp. nov.

Alæ supra olivaceo-fuscae: corpus fuscum, palpis pauculum rufescentibus: alæ anticeæ subtus area apicali ferruginosa, anali ochrea; stria squamosa discoidea ochrea, fasciola biangulata subapicali ferruginea; margine externo cinereo irrorato; posticæ plerumque ferrugineaæ, puncto basali, fascia angulata media et altera apicali-externa fusca; area pyramidata interno media virescente-ochracea; margine externo cinereo irrorato; ciliis omnibus roseofuscis: corpus cinereum, palpis albicantibus: exp. alar. unc. 1, lin. 5. Coll. Druce.

GENUS THANAOS. *Boisduval.*

T. Invisus, sp. nov.

Affinis *T. Persio*; alæ supra pallide fuscae, obscurius nebulosæ; anticeæ fascia squamosa obliqua discali cinerea, punctoque subcostali pone cellam albido: corpus fuscum, palpis cinereis, antennis nigris albo annulatis ochreo clavatis: alæ subtus pallidiores: corpus cinereo-fuscum, pedibus, abdominalisque medio albicantibus: exp. alar. unc. 1, lin. 3. Coll. Druce.

GENUS ACHLYODES. *Hübner.*

A. Sempiternus, sp. nov.

Alæ supra rufo-fuscae, basi et area discali fusco bifasciatis; margine externo nigro; ciliis abdominalibus albis: corpus nigrescens: alæ subtus pallidiores; anticeæ maculis marginalibus diffusis ochraceo-albidis; posticæ area anali cinereo-alba: corpus subtus cinereo-fuscum, palpis et ventre cinereo-albis: exp. alar. unc. 1, lin. 11. Coll. Druce.

Belongs to the *A. Obscura* group.

A. Viridiceps, sp. nov.

Affinis *A. Chlorocephalo*; major, palpis brevioribus, alis anticis magis productis; punctis tribus subapicalibus hyalino-albis: alae subtus pallidiores, area abdominali posticarum cinerea: exp. alar. unc. 1, lin. 6. Coll. Druce.

Allied to *A. Chlorocephalus*, there are specimens in the British Museum from Bogota and Bolivia.

GENUS HELIAS. *Fabricius.**H. Lactifera, sp. nov.*

Alae anticae fuscae cinereo et nigro-fusco marmoratae; anticae basi, fascia lata media irregulari et nebula costali subapicali nigris; punctis tribus in serie obliqua costalibus apud apicem; posticæ area basali nigra; fascia media diffusa cinereo-alba; extrorsum cinereo bimaculata; margine externo late fusco; linea antemarginali nigra: corpus nigrescens: alae subtus fuscae, ferrugineo et ochraceo marmoratae; anticae area posteriore ochracea: posticæ area abdominali cinerea; lineis duabus valde irregularibus rufo-fuscis; puncto duplii discoideo et seriebus duabus punctorum submarginalium, cinereis brunneisque; punctis duobus internis albidis: corpus cinereo-fuscum, palpis subtus aurantiacis, oculis albo cinctis, pedibus rufescentibus: exp. alar. unc. 1, lin. 6. Coll. Druce.

HETEROCEA.

FAMILY CASTNIIDÆ.

GENUS *ÆGIALE*. *Felder.**Æ. Indecisa, sp. nov.*

Alæ supra nigro-fuscae, area basali fulvescenti hirta, anticae macula discoidea; punctis tribus in serie arcuata subcostali, pone cellam; duabus apud medium marginis externi, maculisque tribus in serie obliqua infra ramos medianos ochraceo-albidis; ciliis omnibus albis, fusco notatis; corpus supra fuscum, metathorace fulvescenti hirto, oculis albo-cinectis; antennis nigris: alæ anticae subtus nigrae, apice grisecente; costa fuscescente; maculis supermis albidis; posticæ cinereæ fusco adspersæ; dimidio interno fuscescente; macula discoidea, altera majore interno-medianâ, et subtribus fere lunatis discalibus margini subparallelibus, nigris; ciliis albis, fusco variis; corpus subtus fuscum, ab domine cinereo squamoso, antennis albicantibus: exp. alar. unc. 2½. Coll. Druce.

The genus *Ægiale* seems to me to belong rather to the *Castniidæ* than to the *Hesperiidæ*, for not only does it differ remarkably from all the genera of the latter family in neuration, but in its small palpi and comparatively narrow head, thickened antennæ, clumsy legs and apparently flexible abdomen.

FAMILY ZYGÆNIDÆ.

GENUS GYMNELIA. *Walker.**G. Jansonis, sp. nov.*

Alæ supra hyalinæ, marginibus venisque nigris; corpus thorace nigro, capite colloque viridi micantibus; antennis pedibusque nigris; ab domine ad basin late ochreo, aliter aurantiaco, nigro sex fasciato, fasciis lateraliter viridi

squamosis: alæ subtus velut supra: corpus thorace nigro, albo maculato, abdомине nigro, ano punctisque subanalibus aurantiacis: exp. alar. unc. 1, lin. 8. Coll. Janson.

FAMILY LITHOSIIDÆ.

GENUS NELO. *Walker.*

N. Chrysomela, sp. nov.

Alæ anticæ supra nigræ, plaga magna centrali ovali aurantiaca; posticæ aurantiacæ, margine externo late nigro, costa et vena subcostali fuscis: corpus nigrum collo, tegulisque aurantiacis; alæ anticæ subtus pallidiores, striola costali basali ochracea, plaga centrali in mare ochracea; posticæ ochraceæ, nigro venosæ; vena subcostali fusco nebulosa; margine externo late fusco: corpus cinereo-fuscum ochraceo fasciatum, pedibus ochraceis: exp. alar. ♂, unc. 1, lin. 4; ♀, unc. 1, lin. 6. Coll. Janson.

FAMILY REMIGIDÆ.

GENUS REMIGIA. *Gueneé.*

R. Impressa, sp. nov.

Alæ supra albido-fuseæ; anticæ squamis basalibus sparsis fuscis; fascia obliqua regulari ante medium et altera transversa pone medium, introrsum bene limitatis, extrorsum diffusis, fuscis: fasciola trifida costali subapicali nigro-fusca, punctisque discalibus in venas seriem formantibus; margine fusco-squamoso: posticæ area basali minime obscurius colorata, fascia extrorsum subangulata discali fusea; margine externo fusco-squamoso: corpus fusco-albidum; alæ subtus sericeo ochreo-albidae immaculatæ: corpus ejusdem coloris: exp. alar. unc. 1, lin. 6. Coll. Janson.

FAMILY LARENTIDÆ.

GENUS SCORDYLIA. *Gueneé.**S. Mortipax, sp. nov.*

Alæ supra cinereo-nigræ ; anticæ fascia obliqua post-media alba ad angulum ani vix attingente : corpus fuscum : alæ subtus rufescentes ; anticæ area basali albo reticulato ; fascia superna alba, area apicali castanea, subprunosa ; posticæ rufo-cinereæ albo reticulatæ : corpus thorace, palpis pedibusque aurantiacis, abdомine cinereo : exp. alar. unc. 1, lin. 4. Coll. Janson.

FAMILY EMPLOCIDÆ.

GENUS EMPLOCIA. *Herrich Schäffer.**E. Primulina, sp. nov.*

Alæ supra nigro-fuscae, anticæ plaga permagna basali-medianæ pyriformi aureo-flava fasciola plus minus distincta ejusdem coloris subapicali ; posticæ plaga permagna interno-medianæ triangulari aureo-flava : corpus fuscum flavo fasciolatum : alæ subtus pallidores ; anticæ fascia subapicali et margine interno pallide ochreis, posticæ costa, area superna et margine anali ochraceis : corpus fuscescens ; aliter velut supra : exp. alar. unc. 1, lin. 3. Coll. Janson.
